

Attorney's Docket No. K&A 23-0282  
Client's Docket No. 13438

**APPLICATION**

**FOR UNITED STATES LETTERS PATENT**

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**SPECIFICATION**

TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT I, **ROBERT WAKLEY**, a citizen of UNITED STATES OF AMERICA, have invented a new and useful **INLINE SKATEBOARD ASSEMBLY** of which the following is a specification:

## INLINE SKATEBOARD ASSEMBLY

### 5 CROSS REFERENCE TO RELATED APPLICATION

This application claims the benefit of U.S. Provisional Application No. 60/405,029, filed August 21, 2002.

### 10 BACKGROUND OF THE INVENTION

#### **Field of the Invention**

15 The present invention relates to skateboards and more particularly pertains to a new inline skateboard assembly for providing a challenging sport activity.

#### **Description of the Prior Art**

20 The use of skateboards is known in the prior art. U.S. Patent No. 5,419,570 describes a handled skateboard having a single roller set of aligned rollers. Another type of skateboard is U.S. Patent No. 5,601,299 also having a single roller set of aligned rollers. U.S. Patent No. 6,270,096 discloses a skateboard having a fixed 25 roller set and a pivoting roller set for steering the skateboard.

#### **SUMMARY OF THE INVENTION**

30 The present invention provides a board having two fixed roller sets, upwardly turned ends, and a brake member fixedly attached to an end of one of the roller sets.

An object of the present invention is to provide a new inline skateboard assembly that is generally symmetrical front to back for facilitating flipping of the board back to front during use.

5 Another object of the present invention is to provide a new inline skateboard assembly that is without handles and is intended to be used alone to increase the required coordination and skill necessary to ride the skateboard.

10 To this end, the present invention generally comprises a board having fixed position multiple roller sets.

15 There has thus been outlined, rather broadly, the more important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional features of the invention that will be described hereinafter and which will form the subject matter of the claims appended hereto.

20 The objects of the invention, along with the various features of novelty which characterize the invention, are pointed out with particularity in the claims annexed to and forming a part of this disclosure.

25 **BRIEF DESCRIPTION OF THE DRAWINGS**

30 The invention will be better understood and objects other than those set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

Figure 1 is a rear underside perspective view of a new inline skateboard assembly according to the present invention.

Figure 2 is a rear topside perspective view of the present  
5 invention.

## **DESCRIPTION OF A PREFERRED EMBODIMENT**

With reference now to the drawings, and in particular to  
10 Figures 1 and 2, a new inline skateboard assembly embodying the  
principles and concepts of the present invention will be described.

As illustrated in Figures 1 and 2, the inline skateboard  
assembly 10 generally comprises a generally planar elongated board  
15 12 having upwardly turned ends 14. Two spaced roller sets 16  
having rollers 22 are coupled to the underside 18 of the board 12 to  
form a line of rollers 20 to allow the board 12 to move backward  
and forward along the line of the roller sets 16. Typically, the  
rollers 22 are aligned with a longitudinal axis passing through a  
20 center of the board 12. A brake member 24 is positioned adjacent  
to one or both of the roller sets 16 such that pivoting the board 12  
on one of the outermost rollers 22 brings the brake member 24 into  
contact with a supporting surface 2 to bring the board 12 to a stop  
using friction between the brake member 24 and the supporting  
25 surface 2. The roller sets 16 are also positioned symmetrically  
about a central transverse axis of the board 12.

In a particular embodiment, the board 12 measures 31 inches  
long by 8 inches wide. The rollers 22 position the board 12  
30 approximately 4 inches above the supporting surface 2. The board  
12 is octagonally shaped and constructed of wood, fiberglass, or  
durable plastic material. Eight rollers 22 are utilized and are

constructed of durable polyurethane and include internal ball bearing sets 26. The rollers 22 are typically of a greater radius than those used on common skateboards and thus absorb more road shock and can permit faster moving of the board while riding.

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In use, the board is mounted by a rider and used similar to the use of common skateboards except that the inline positioning of the rollers and the positioning of the brake or brakes alters the required balance and coordination to successfully ride the board.

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With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed 15 readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.

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Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and described, and accordingly, all suitable 25 modifications and equivalents may be resorted to, falling within the scope of the invention.